

Subject: Correction: 70m 22GHz main beam with feed off/on axis

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Date: Tue, 24 Oct 2006 08:43:02 -0700

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Tom:

The off axis is 1 7/8 inches and the plot is for 1 7/8 inches.
Watt

Tom:

Attached are plots of 70m 22GHz far-field patterns with feed on the focal ring but off (sub) axis by +1 7/8 inches and 0.0 inch. For -1 7/8 inches pattern, it is, as you know, just a mirror image of the +1 7/8 inches pattern.

Comparison between the two plots, the peak gain loss is about 0.5 dB and 15.5 mdeg off point (need new pointing). Pattern near the beam peak looks fine.
Watt

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